



Fig. 1

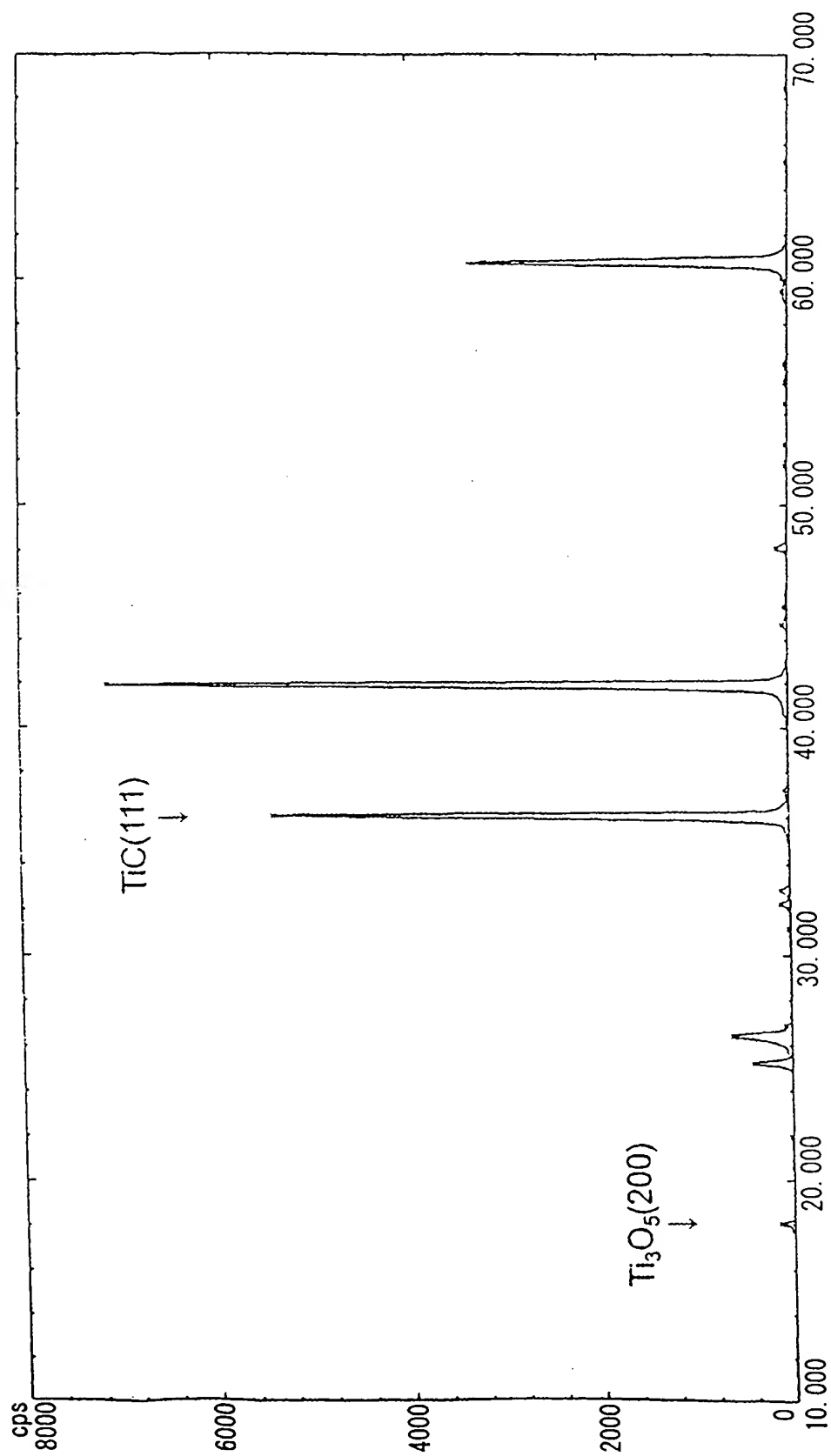
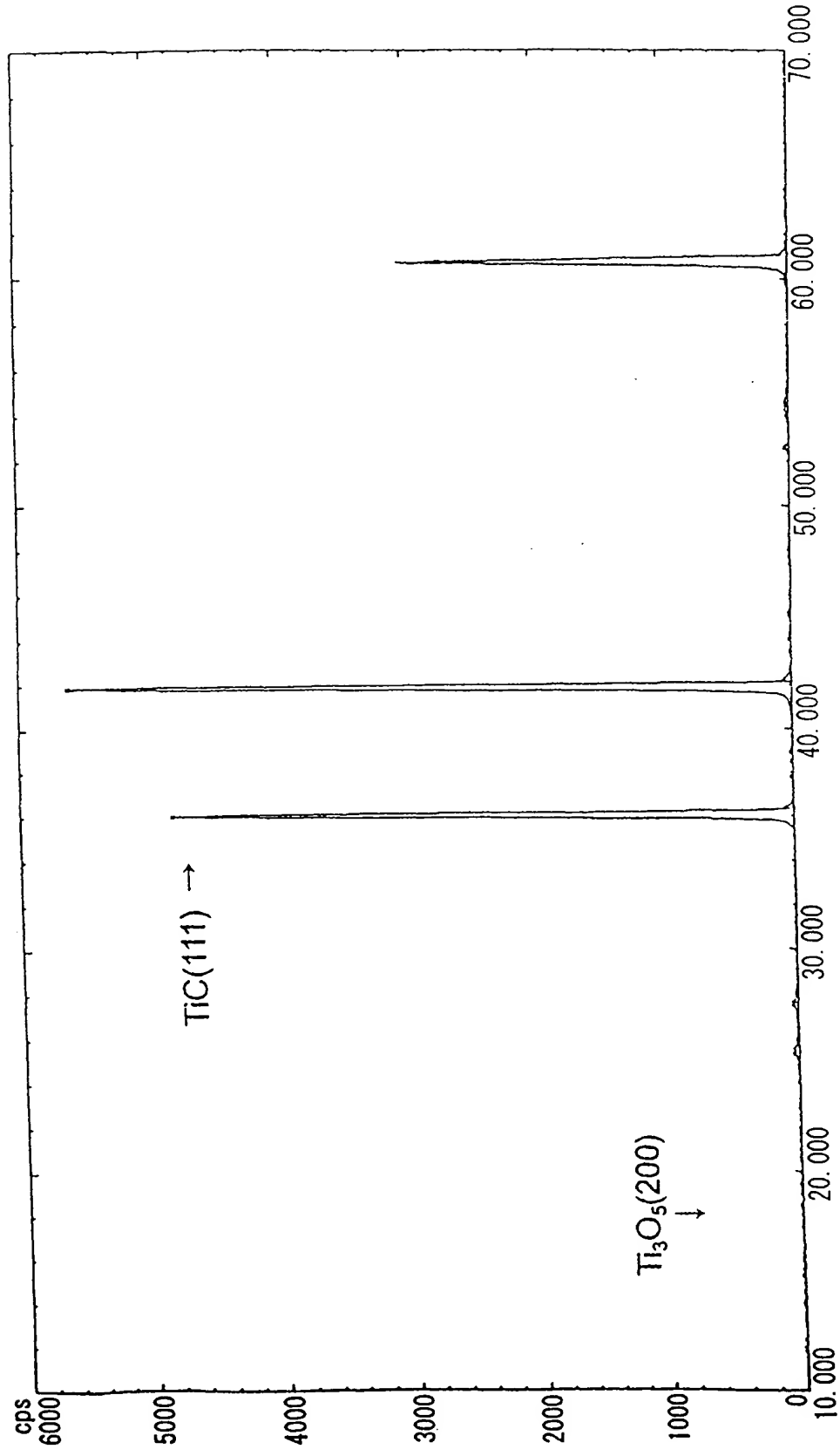
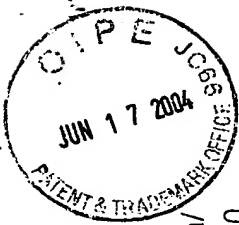




Fig. 2



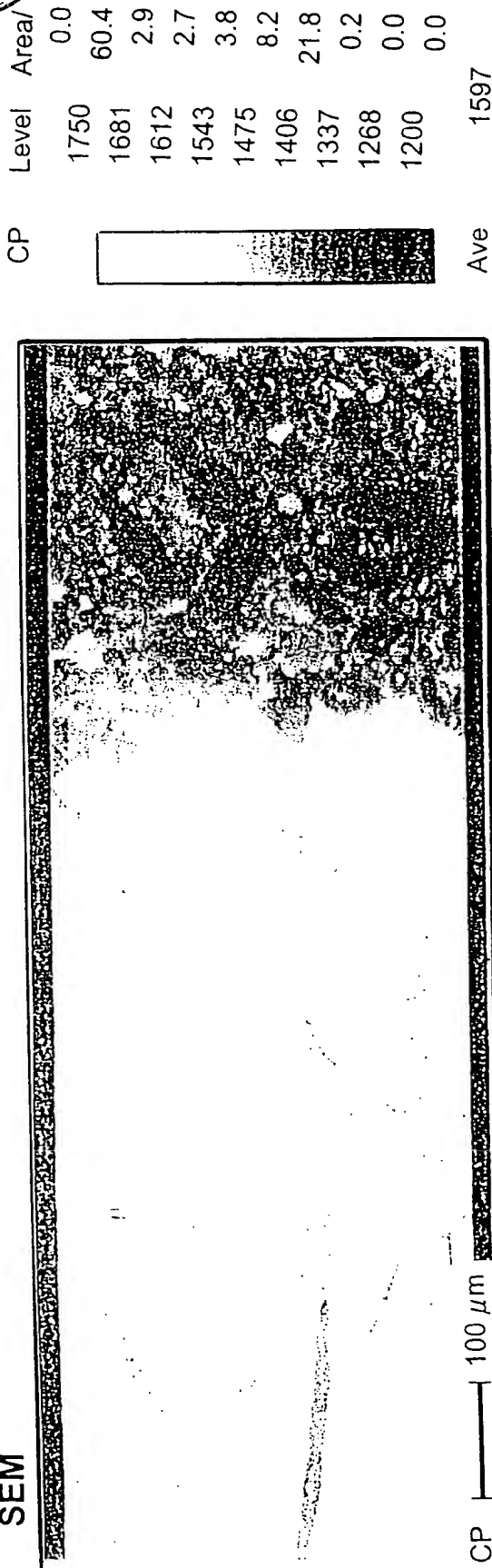


# REPLACEMENT SHEET

BEST AVAILABLE COPY

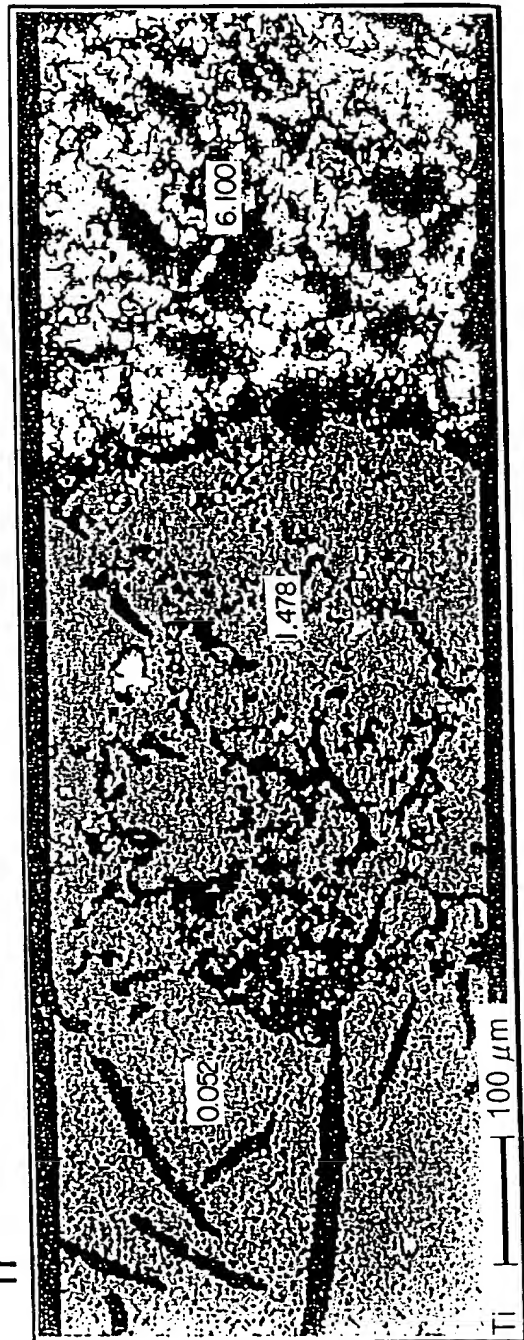
FIG. 3a

SEM



MELTED PIG IRON → ← INTERFACE PROTECTIVE LAYER → ← CARBONACEOUS REFRACTORY MATERIAL

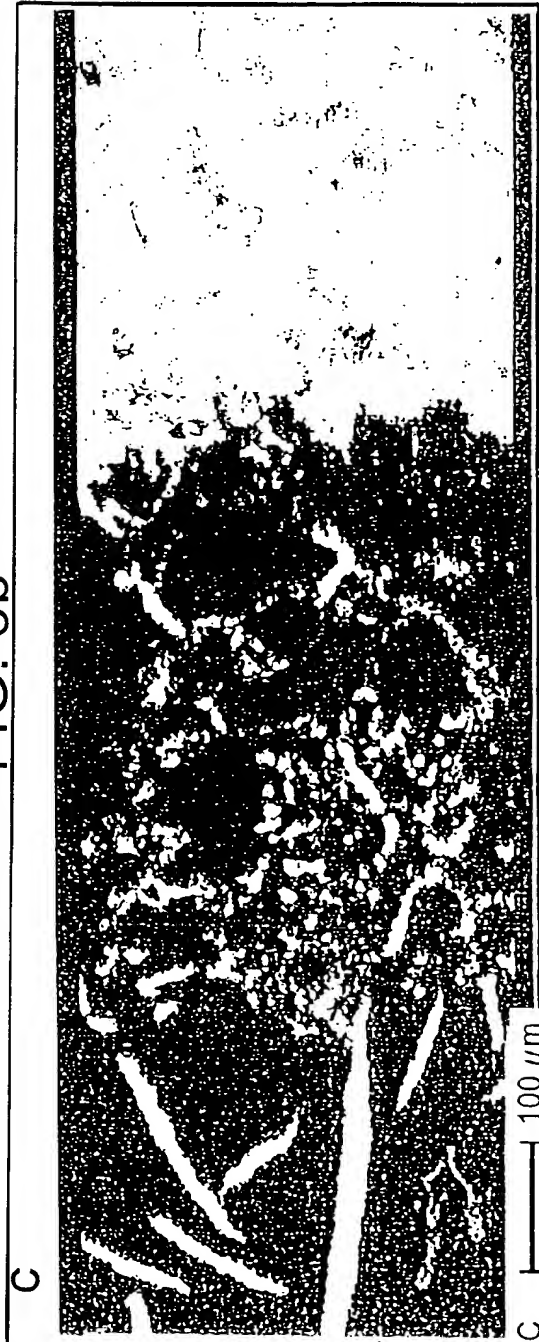
Ti



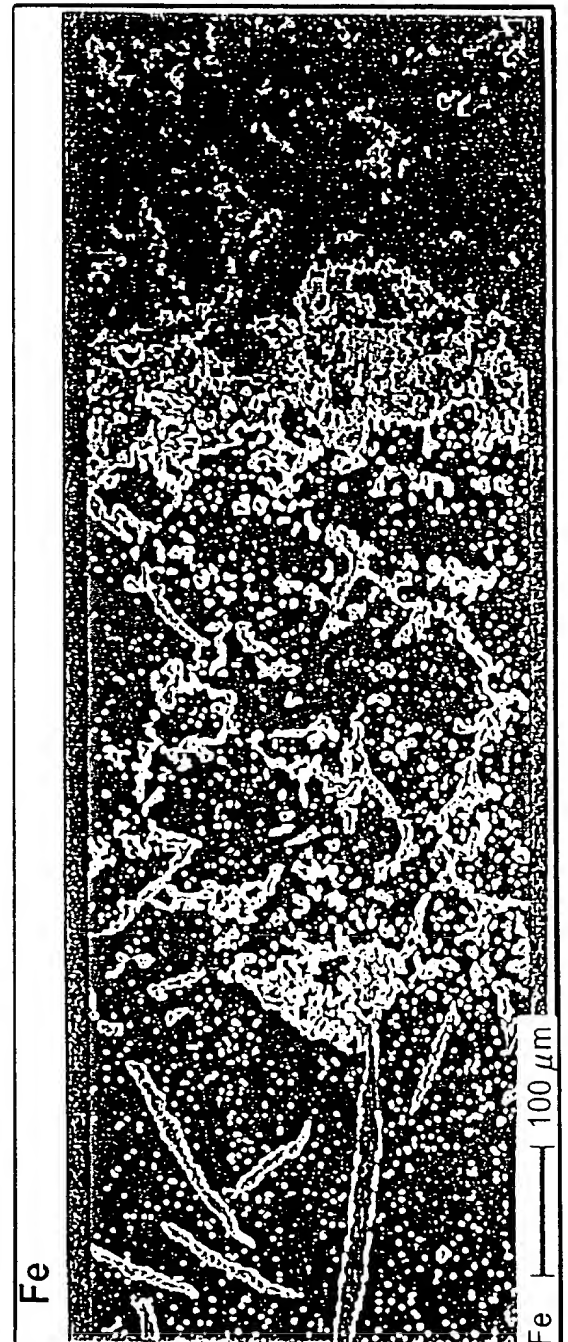
PROTECTIVE LAYER: Ti 1.478%



FIG. 3b



C	Level	Area/
	5000	33.9
	4437	1.0
	3875	1.0
	3312	1.2
	2750	1.2
	2187	1.3
	1625	1.6
	1062	2.0
	500	4.5
Ave		52.3
	6245	



Fe	Conc	Area/
	100.00	1.7
	87.50	49.3
	75.00	4.9
	62.50	3.2
	50.00	2.6
	37.50	2.2
	25.00	2.0
	12.50	2.9
	0.00	9.3
Ave		22.1
	58.46	



Fig. 3

